

| POPULATION ESTIMATES | | | | CANCER INCIDENCE | | LOCAL PUBLIC HEALTH | | |
|---------------------------------|--|--------|--|--------------------------------|--|-------------------------------|--|---------------|
| Total 1998 Population Est | | 22,060 | | (Cancer incidence is for 1997) | | <u>Activities Reported</u> | | <u>Per</u> |
| Percent Female | | 50.5 | | | | <u>Number</u> | | <u>10,000</u> |
| Population per square mile | | 29 | | <u>Primary Site</u> | | <u>Public Health Nursing</u> | | |
| Rank in state | | 52 | | | | Total clients | | 1,002 452 |
| (1=highest population density, | | | | Breast | | Total visits | | 1,397 630 |
| 72=lowest population density.) | | | | Cervical | | Visits: Reason for | | |
| | | | | Colorectal | | Gen hlth promotion | | 215 97 |
| | | | | Lung, Trachea, & Bronchus | | Infant/child hlth | | 397 179 |
| | | | | Prostate | | Infectious & parasitic | | 465 210 |
| | | | | <u>Other sites</u> | | Circulatory | | . . |
| | | | | Total | | Prenatal | | 83 37 |
| | | | | | | Postpartum | | 96 43 |
| | | | | ----- LONG-TERM CARE ----- | | <u>WIC Participants</u> | | 473 214 |
| | | | | | | <u>Clinic Visits</u> | | 3,886 1,754 |
| | | | | | | Immunization | | 3,498 1,579 |
| | | | | | | Blood pressure | | . . |
| | | | | | | <u>Environmental Contacts</u> | | |
| | | | | | | Env hazards | | 162 73 |
| | | | | | | Public health nuisance | | 167 75 |
| | | | | | | <u>School Health</u> | | |
| | | | | | | Vision screenings | | . . |
| | | | | | | Hearing screenings | | . . |
| | | | | | | <u>Health Education</u> | | |
| | | | | | | Community sessions | | 29 13 |
| | | | | | | Community attendance | | 1,041 470 |
| | | | | | | School sessions | | 11 5 |
| | | | | | | School attendance | | 1,426 644 |
| | | | | | | <u>Staffing - FTEs</u> | | |
| | | | | | | Total staff | | 4 2.0 |
| | | | | | | Administrators | | 1 0.5 |
| | | | | | | Public health nurses | | 2 0.8 |
| | | | | | | Public health aides | | . . |
| | | | | | | Environmental specialists | | 0 0.1 |
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----- NATALITY -----

| | |
|--|-------|
| TOTAL LIVE BIRTHS | 290 |
| Crude Live Birth Rate | 13.1 |
| General Fertility Rate | 60.9 |
| Live births with reported congenital anomalies | 2 . % |

| <u>Delivery Type</u> | <u>Births</u> | <u>Percent</u> |
|---------------------------------|---------------|----------------|
| Vaginal after previous cesarean | 9 | 3 |
| Forceps | 5 | 2 |
| Other vaginal | 230 | 79 |
| Primary cesarean | 33 | 11 |
| Repeat cesarean | 13 | 4 |
| Other or unknown | 0 | 0 |

| <u>Birth Weight</u> | <u>Births</u> | <u>Percent</u> |
|---------------------|---------------|----------------|
| <1,500 gm | 0 | 0.0 |
| 1,500-2,499 gm | 18 | 6.2 |
| 2,500+ gm | 272 | 93.8 |
| Unknown | 0 | 0.0 |

| <u>Birth Order</u> | <u>Births</u> | <u>Percent</u> |
|--------------------|---------------|----------------|
| First | 116 | 40 |
| Second | 85 | 29 |
| Third | 54 | 19 |
| Fourth or higher | 35 | 12 |
| Unknown | 0 | 0 |

| <u>First Prenatal Visit</u> | <u>Births</u> | <u>Percent</u> |
|-----------------------------|---------------|----------------|
| 1st trimester | 250 | 86 |
| 2nd trimester | 34 | 12 |
| 3rd trimester | 4 | 1 |
| No visits | 1 | <.5 |
| Unknown | 1 | <.5 |

| <u>Number of Prenatal Care visits</u> | <u>Births</u> | <u>Percent</u> |
|---------------------------------------|---------------|----------------|
| No visits | 1 | <.5 |
| 1-4 visits | 3 | 1 |
| 5-9 visits | 53 | 18 |
| 10-12 visits | 141 | 49 |
| 13+ visits | 91 | 31 |
| Unknown | 1 | <.5 |

| <u>Marital Status of Mother</u> | <u>Births</u> | <u>Percent</u> |
|---------------------------------|---------------|----------------|
| Married | 231 | 80 |
| Not married | 59 | 20 |
| Unknown | 0 | 0 |

| <u>Education of Mother</u> | <u>Births</u> | <u>Percent</u> |
|----------------------------|---------------|----------------|
| Elementary or less | 2 | 1 |
| Some high school | 17 | 6 |
| High school | 95 | 33 |
| Some college | 90 | 31 |
| College graduate | 86 | 30 |
| Unknown | 0 | 0 |

| <u>Smoking Status of Mother</u> | <u>Births</u> | <u>Percent</u> |
|---------------------------------|---------------|----------------|
| Smoker | 55 | 19 |
| Nonsmoker | 235 | 81 |
| Unknown | 0 | 0 |

| <u>Race of Mother</u> | <u>Total Births</u> | | <u>Low Birth Weight (under 2,500 gm)</u> | | <u>Trimester of First Prenatal Visit</u> | | | | | |
|-----------------------|---------------------|----------------|--|----------------|--|----|----------------------|----|----------------------|---|
| | <u>Births</u> | <u>Percent</u> | <u>Births</u> | <u>Percent</u> | <u>1st Trimester</u> | | <u>2nd Trimester</u> | | <u>Other/Unknown</u> | |
| White | 288 | 99 | 17 | 5.9 | 248 | 86 | 34 | 12 | 6 | 2 |
| Black | 1 | <.5 | * | . | * | . | * | . | * | . |
| Other | 1 | <.5 | * | . | * | . | * | . | * | . |
| Unknown | 0 | 0 | . | . | . | . | . | . | . | . |

| <u>Age of Mother</u> | <u>Fertility</u> | | <u>Low Birth Weight (under 2,500 gm)</u> | | <u>Trimester of First Prenatal Visit</u> | | | | | |
|----------------------|------------------|-------------|--|----------------|--|----|----------------------|----|----------------------|---|
| | <u>Births</u> | <u>Rate</u> | <u>Births</u> | <u>Percent</u> | <u>1st Trimester</u> | | <u>2nd Trimester</u> | | <u>Other/Unknown</u> | |
| <15 | 0 | -- | . | . | . | . | . | . | . | . |
| 15-17 | 3 | . | * | . | * | . | * | . | * | . |
| 18-19 | 6 | . | . | . | 4 | 67 | 2 | 33 | . | . |
| 20-24 | 59 | 95 | 4 | 6.8 | 49 | 83 | 6 | 10 | 4 | 7 |
| 25-29 | 105 | 178 | 4 | 3.8 | 93 | 89 | 10 | 10 | 2 | 2 |
| 30-34 | 90 | 119 | 4 | 4.4 | 84 | 93 | 6 | 7 | . | . |
| 35-39 | 24 | 24 | 4 | 16.7 | 18 | 75 | 6 | 25 | . | . |
| 40+ | 3 | . | * | . | * | . | * | . | * | . |
| Unknown | 0 | -- | . | . | . | . | . | . | . | . |

Teenage Births

9 .

* - Not reported. Age or race category has less than 5 births

----- MORBIDITY -----

REPORTED* CASES OF SELECTED DISEASES

| <u>Disease</u> | <u>Number</u> |
|-------------------------|---------------|
| Campylobacter Enteritis | 19 |
| Giardiasis | <5 |
| Hepatitis Type A | 0 |
| Hepatitis Type B** | 0 |
| Hepatitis NANB/C*** | |
| Legionnaire's | 0 |
| Lyme | 7 |
| Measles | 0 |
| Meningitis, Aseptic | <5 |
| Meningitis, Bacterial | 0 |
| Mumps | 0 |
| Pertussis | 0 |
| Salmonellosis | 8 |
| Shigellosis | 0 |
| Tuberculosis | 0 |

* 1998 provisional data

** Includes all positive HBsAg test results

*** Unavailable at time of printing

Sexually Transmitted Disease

| | |
|--------------------------|----|
| Chlamydia Trachomatis | 20 |
| Genital Herpes | 8 |
| Gonorrhea | <5 |
| Nongonococcal Cervicitis | 0 |
| Nongonococcal Urethritis | 0 |
| Syphilis | 0 |

----- IMMUNIZATIONS -----

Children in Grades K-12 by
Compliance Level

| | |
|-------------------|-------|
| Compliant | 4,239 |
| Non-compliant | 33 |
| Percent Compliant | 99.2 |

----- MORTALITY -----

Note: Death rates (except infant) are per 100,000 population. Infant, neonatal, and postneonatal death rates are per 1,000 live births. Perinatal and fetal death rates are per 1,000 live births plus fetal deaths. Rates are not calculated for fewer than 20 deaths.

| | |
|---------------------|-----|
| TOTAL DEATHS | 196 |
| Crude Death Rate | 888 |

| <u>Age</u> | <u>Deaths</u> | <u>Rate</u> |
|------------|---------------|-------------|
| 1-4 | . | . |
| 5-14 | 1 | . |
| 15-19 | 1 | . |
| 20-34 | 4 | . |
| 35-54 | 11 | . |
| 55-64 | 16 | . |
| 65-74 | 38 | 2,389 |
| 75-84 | 55 | 5,057 |
| 85+ | 69 | 18,292 |

Infant

| <u>Mortality</u> | <u>Deaths</u> | <u>Rate</u> |
|------------------|---------------|-------------|
| Total Infant | 1 | . |
| Neonatal | . | . |
| Postneonatal | 1 | . |
| Unknown | . | . |

Race of Mother

| | | |
|---------|---|---|
| White | 1 | . |
| Black | . | . |
| Other | . | . |
| Unknown | . | . |

Birth Weight

| | | |
|----------------|---|---|
| <1,500 gm | . | . |
| 1,500-2,499 gm | . | . |
| 2,500+ gm | 1 | . |
| Unknown | . | . |

Perinatal

| <u>Mortality</u> | <u>Deaths</u> | <u>Rate</u> |
|------------------|---------------|-------------|
| Total Perinatal | . | . |
| Neonatal | . | . |
| Fetal | . | . |

Selected

| <u>Underlying Cause</u> | <u>Deaths</u> | <u>Rate</u> |
|-------------------------|---------------|-------------|
| Heart Disease (total) | 66 | 299 |
| Coronary heart disease | 50 | 227 |
| Cancer (total) | 45 | 204 |
| Lung | 12 | . |
| Colorectal | 8 | . |
| Female breast | 3 | .* |
| Cerebrovascular Disease | 17 | . |
| Chron Obstr Pulmonary | 8 | . |
| Pneumonia & Influenza | 11 | . |
| Injuries | 8 | . |
| Motor vehicle | 4 | . |
| Diabetes | 5 | . |
| Infectious & Parasitic | . | . |
| Suicide | 4 | . |

* Rate for female breast cancer based on female population.

ALCOHOL AND DRUG ABUSE AS UNDERLYING
OR CONTRIBUTING CAUSE OF DEATH

| | | |
|----------------|---|---|
| Alcohol | 2 | . |
| Other Drugs | 4 | . |
| Both Mentioned | . | . |

----- MOTOR VEHICLE CRASHES -----

Note: These data are based on location of crash, not on residence.

| <u>Type of Motor Vehicle Crash</u> | <u>Persons Injured</u> | <u>Persons Killed</u> |
|------------------------------------|------------------------|-----------------------|
| Total Crashes | 293 | 9 |
| Alcohol-Related | 56 | 1 |
| With Citation: | | |
| For OWI | 38 | 0 |
| For Speeding | 8 | 0 |
| Motorcyclist | 11 | 1 |
| Bicyclist | 1 | 0 |
| Pedestrian | 2 | 0 |

HOSPITALIZATIONS

| DISEASE / AGE GROUP | Number | Per 1,000 Pop | Average Stay (Days) | Average Charge | Charge Per Capita | DISEASE / AGE GROUP | Number | Per 1,000 Pop | Average Stay (Days) | Average Charge | Charge Per Capita |
|---|--------|---------------------|---------------------------|-------------------|-------------------------|---|--------|---------------------|---------------------------|-------------------|-------------------------|
| Injury-Related: All | | | | | | Alcohol-Related | | | | | |
| Total | 202 | 9.2 | 4.4 | \$10,262 | \$94 | Total | 30 | 1.4 | 4.0 | \$3,965 | \$5 |
| <18 | 33 | 5.7 | 3.3 | \$7,485 | \$42 | 18-44 | 20 | 2.4 | 3.8 | \$2,804 | \$7 |
| 18-44 | 51 | 6.0 | 2.6 | \$6,019 | \$36 | 45-64 | 7 | . | . | . | . |
| 45-64 | 46 | 9.8 | 4.2 | \$10,076 | \$99 | Pneumonia and Influenza | | | | | |
| 65+ | 72 | 23.6 | 6.3 | \$14,658 | \$345 | Total | 107 | 4.8 | 4.7 | \$6,390 | \$31 |
| Injury: Hip Fracture | | | | | | <18 | 13 | . | . | . | . |
| Total | 24 | 1.1 | 6.5 | \$14,187 | \$15 | 45-64 | 8 | . | . | . | . |
| 65+ | 22 | 7.2 | 6.7 | \$14,547 | \$105 | 65+ | 81 | 26.5 | 5.2 | \$6,884 | \$183 |
| Injury: Poisonings | | | | | | Cerebrovascular Disease | | | | | |
| Total | 13 | . | . | . | . | Total | 58 | 2.6 | 4.3 | \$8,331 | \$22 |
| 18-44 | 5 | . | . | . | . | 45-64 | 12 | . | . | . | . |
| Psychiatric | | | | | | 65+ | 46 | 15.1 | 4.3 | \$8,406 | \$127 |
| Total | 118 | 5.3 | 8.3 | \$7,369 | \$39 | Chronic Obstructive Pulmonary Disease | | | | | |
| <18 | 19 | . | . | . | . | Total | 58 | 2.6 | 4.4 | \$6,464 | \$17 |
| 18-44 | 61 | 7.2 | 5.8 | \$5,114 | \$37 | <18 | 3 | . | . | . | . |
| 45-64 | 13 | . | . | . | . | 18-44 | 1 | . | . | . | . |
| 65+ | 25 | 8.2 | 11.3 | \$11,063 | \$91 | 45-64 | 8 | . | . | . | . |
| Coronary Heart Disease | | | | | | 65+ | 46 | 15.1 | 4.7 | \$6,960 | \$105 |
| Total | 139 | 6.3 | 3.6 | \$14,566 | \$92 | Drug-Related | | | | | |
| 45-64 | 53 | 11.3 | 3.2 | \$15,118 | \$171 | Total | 3 | . | . | . | . |
| 65+ | 83 | 27.2 | 3.9 | \$14,435 | \$392 | 18-44 | 1 | . | . | . | . |
| Malignant Neoplasms (Cancers): All | | | | | | Total Hospitalizations | | | | | |
| Total | 130 | 5.9 | 5.7 | \$11,840 | \$70 | Total | 2,546 | 115.4 | 3.9 | \$7,186 | \$829 |
| 18-44 | 12 | . | . | . | . | <18 | 469 | 80.5 | 2.7 | \$3,155 | \$254 |
| 45-64 | 36 | 7.7 | 4.1 | \$8,643 | \$66 | 18-44 | 680 | 80.0 | 2.9 | \$4,562 | \$365 |
| 65+ | 80 | 26.2 | 6.7 | \$13,879 | \$363 | 45-64 | 429 | 91.6 | 3.9 | \$8,961 | \$821 |
| Neoplasms: Female Breast (rates for female population) | | | | | | 65+ | 968 | 316.8 | 5.2 | \$10,196 | \$3,231 |
| Total | 11 | . | . | . | . | PREVENTABLE HOSPITALIZATIONS* | | | | | |
| Neoplasms: Colo-rectal | | | | | | Total | 355 | 16.1 | 4.0 | \$6,129 | \$99 |
| Total | 33 | 1.5 | 8.3 | \$16,331 | \$24 | <18 | 35 | 6.0 | 2.0 | \$2,799 | \$17 |
| 65+ | 32 | 10.5 | 8.4 | \$16,513 | \$173 | 18-44 | 41 | 4.8 | 2.4 | \$4,520 | \$22 |
| Neoplasms: Lung | | | | | | 45-64 | 46 | 9.8 | 3.7 | \$5,943 | \$58 |
| Total | 10 | . | . | . | . | 65+ | 233 | 76.3 | 4.6 | \$6,950 | \$530 |
| Diabetes | | | | | | * Hospitalizations for conditions where timely and effective ambulatory care can reduce the likelihood of hospitalization. The definition of preventable hospitalizations in 1998 is consistent with the 1997 definition. Please refer to the note at the bottom of this page in the 1997 report for an explanation of the change made between 1996 and 1997. | | | | | |
| Total | 28 | 1.3 | 4.0 | \$6,579 | \$8 | | | | | | |
| 65+ | 13 | . | . | . | . | | | | | | |